

SCIENTIFIC EVIDENCE

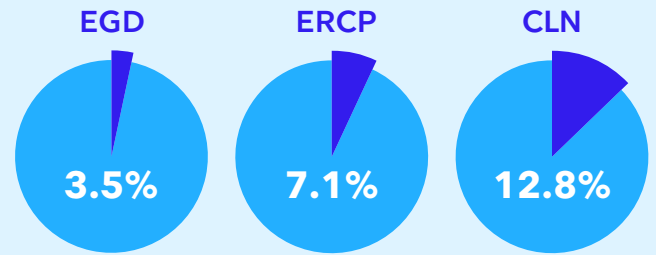
related to single-use and reusable gastroscopes

INFECTIOUS OUTBREAKS



[Scholz PM et al., 2023](#)

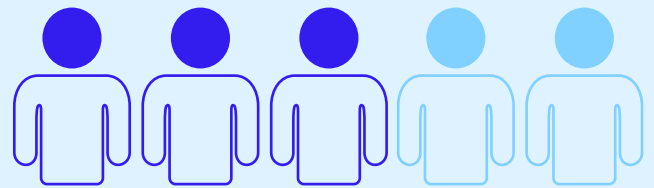
The study analysed 73 outbreaks and found that the attack rates for EGD, ERCP and CLN were 3.5%, 7.1% and 12.8%, respectively, with corresponding mortality rates of 6.3%, 12.7% and 10.0%. Single-use devices may be an alternative option to lower pathogen transmission.



Single-use devices may be an alternative option to lower pathogen transmission.

[Sunderman et al., 2020](#)

Whole genome sequencing (WGS) surveillance, combined with a machine-learning algorithm of the health record reviews, identified a previously undetected outbreak of gastroscopically-associated *P. aeruginosa* infections. Three infections could have been prevented if the machine-learning algorithm had been running in real time.

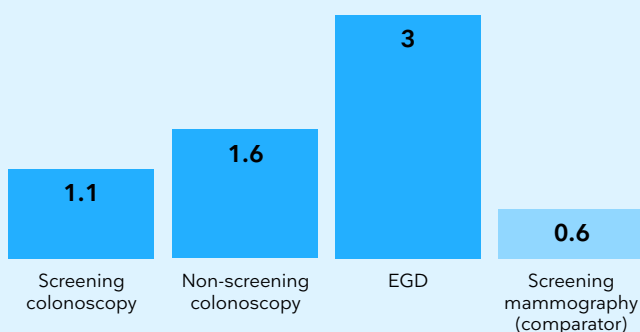


3 out of 5 infections could have been prevented with the machine learning algorithm

[Wang et al 2018](#)

This is the first study to investigate infection rates after colonoscopy and EGD in free-standing and hospital-based ASCs. The rates of post-endoscopic infection per 1000 procedures within 7 days were 1.1 for screening colonoscopy, 1.6 for non-screening colonoscopy and 3.0 for EGD; all were higher than screening mammography (0.6).

Rates of post-endoscopic infection per 1,000 procedures within 7 days



Scan the QR code to learn more about single-use gastroenterology